

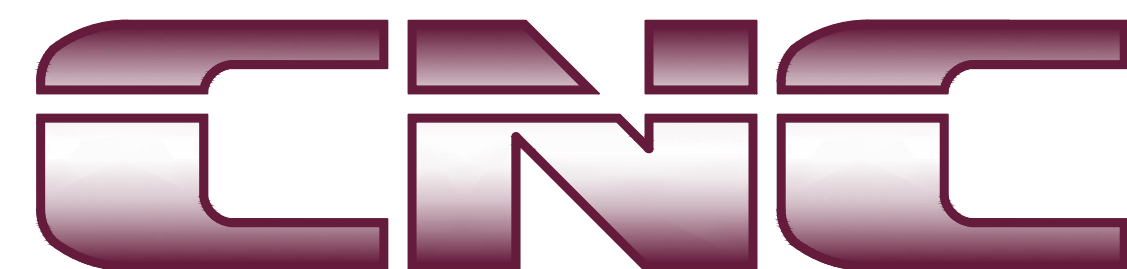
THERAPEUTIC SPLASH PAD FOR ELLISVILLE STATE SCHOOL CONTRACT "A" SWIMMING POOL DEMOLITION AND SITE WORK

ELLISVILLE, MISSISSIPPI

CNC PROJECT NO: ESS-102-18-A

BID ISSUE

DECEMBER 12, 2019

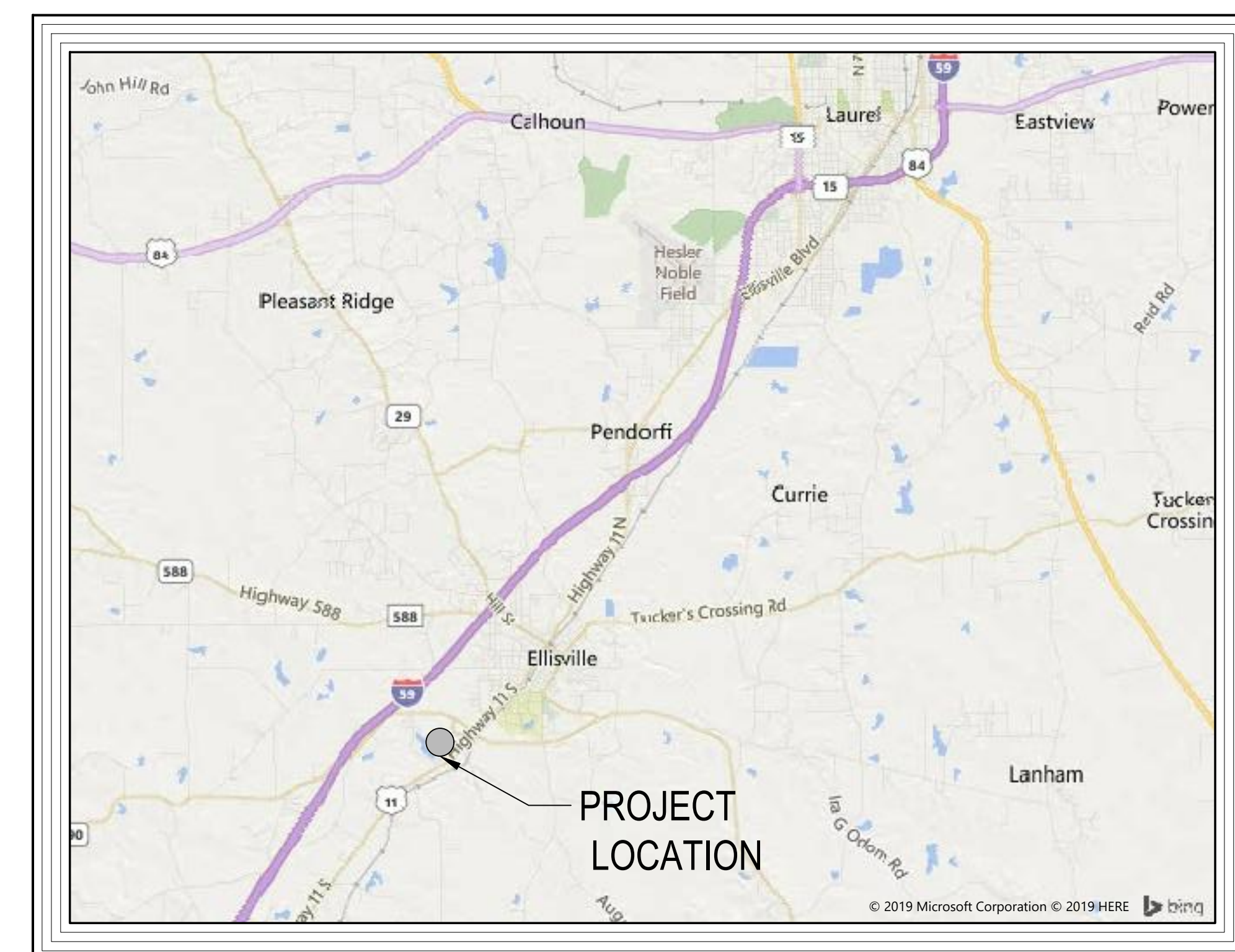


CHAS. N. CLARK ASSOC., LTD.
Consulting Engineers

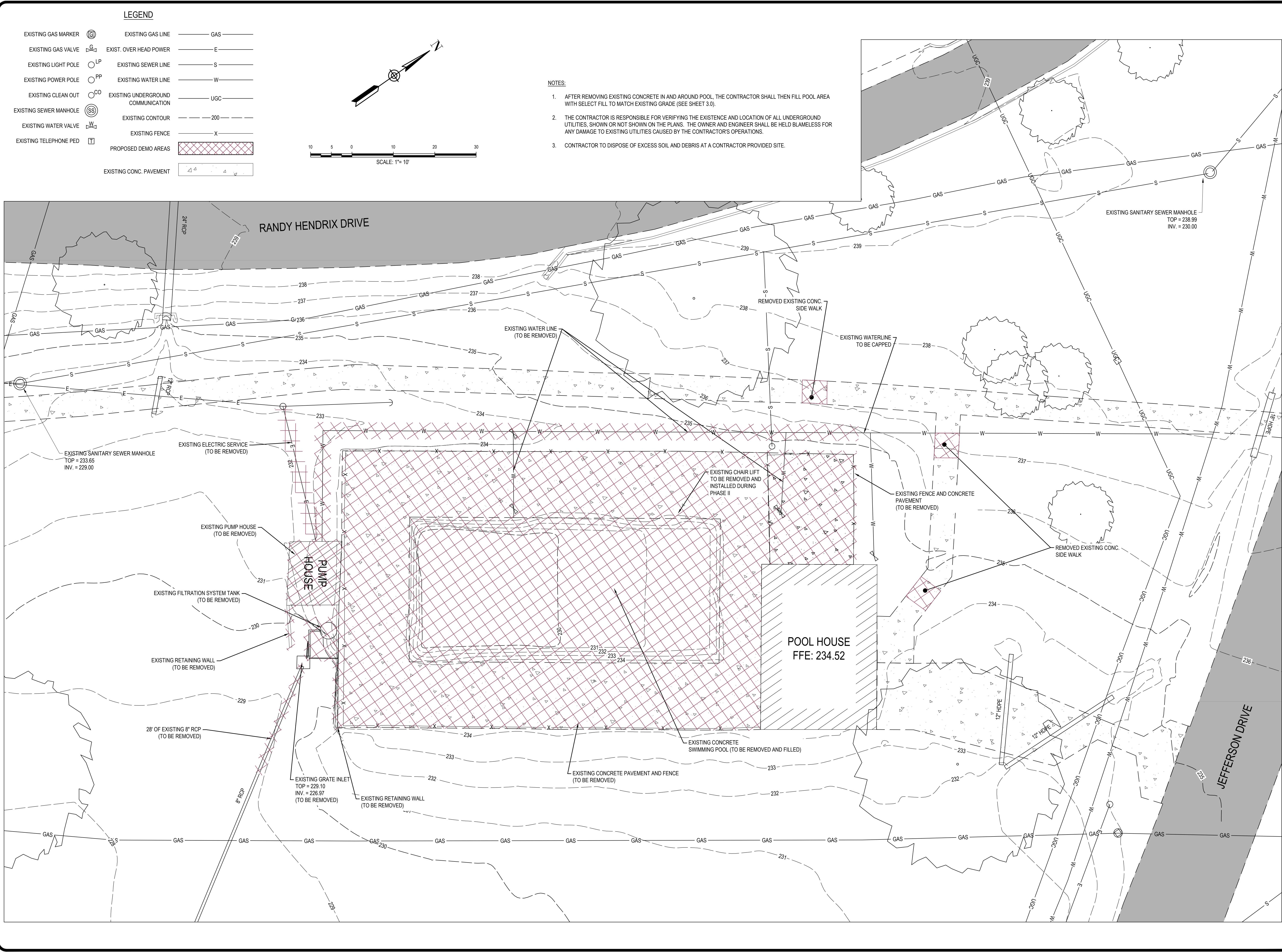
714 Hillcrest Dr. • Laurel, MS 39440
601-649-5900 • (Fax) 601-649-5963

DRAWING INDEX

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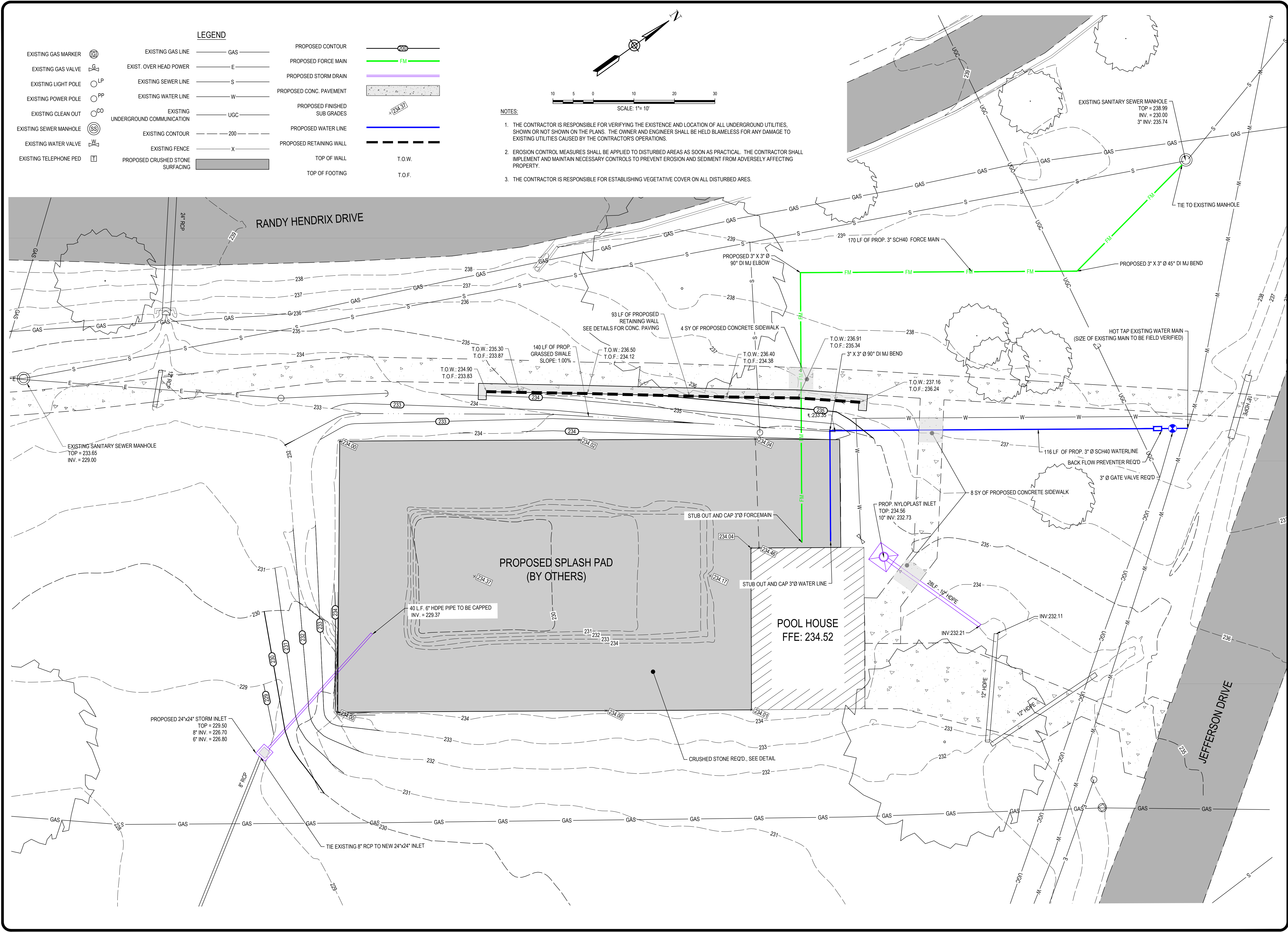
VICINITY MAP




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1	---	BID ISSUE	12/12/2019

**EXISTING SITE
& DEMOLITION
PLAN**

Project No: ESS-102-18-A
Date: 12-12-19
Designed: LDW
Drawn: MSH
Checked: JWP/LDW





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Therapeutic Splash Pad
Contract "A"

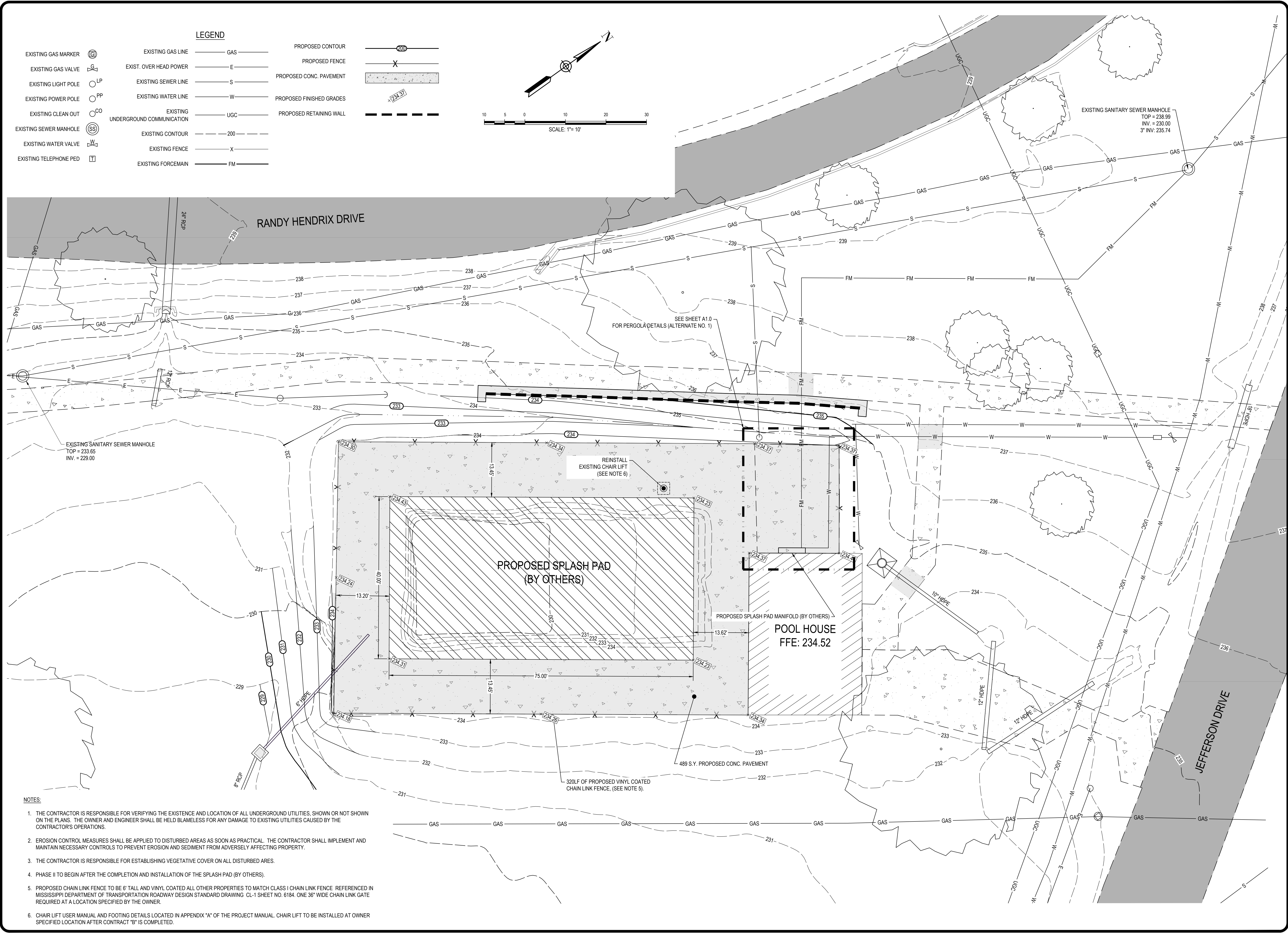
ELLISVILLE STATE SCHOOL
ELLISVILLE, MISSISSIPPI

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SITE PLAN:
PHASE I

Project No: ESS-102-18-A
Date: 12-12-19
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Sheet No.
2.0



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THERAPEUTIC SPLASH PAD
CONTRACT "A"

ELLISVILLE STATE SCHOOL

ELLISVILLE, MISSISSIPPI

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**SITE PLAN:
PHASE II**

Project No: ESS-102-18-A
Date: 12-12-19
Designed: LDW
Drawn: MSH
Checked: JWP/LDW

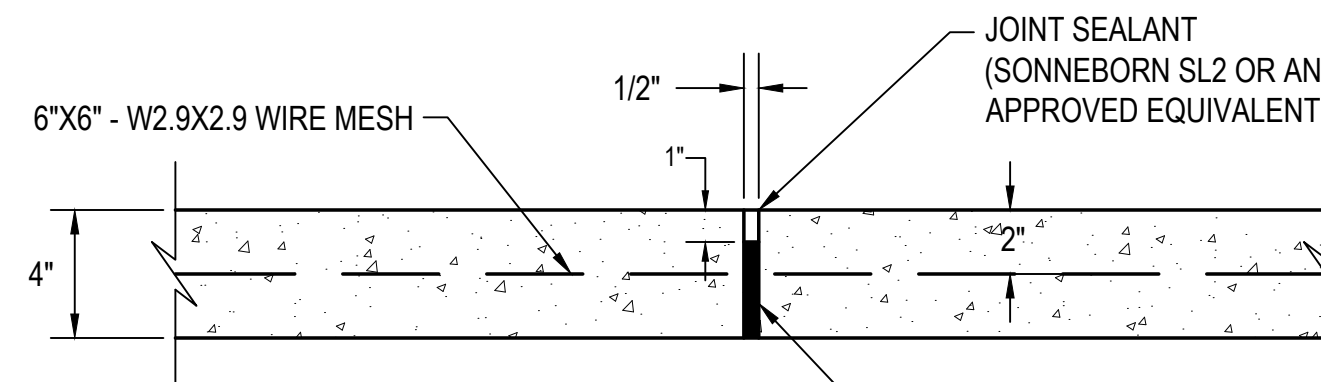
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NOTE: EXPANSION MATERIAL REQUIRED WHERE PAVEMENT ABUTS STRUCTURES

1 | CONC. PAVEMENT DETAIL

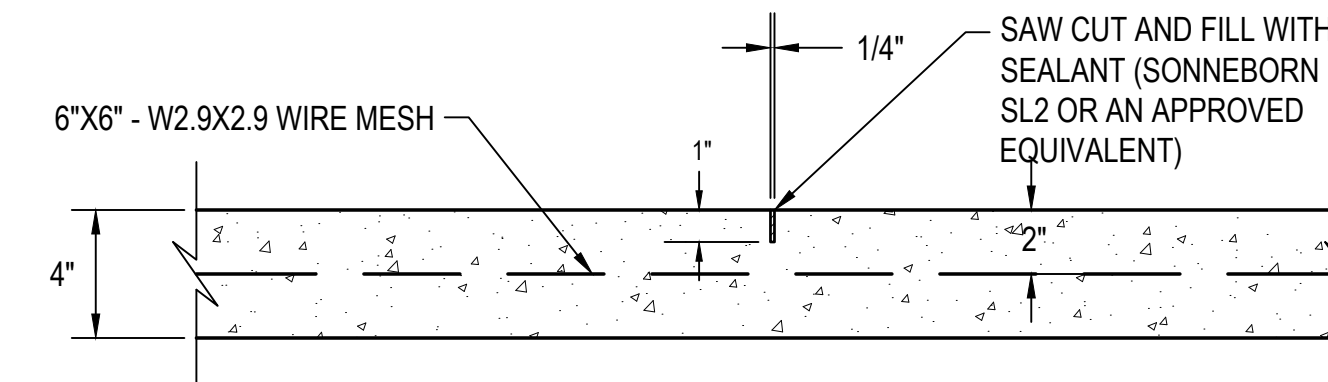
SCALE: N.T.S



NOTE: EXPANSION MATERIAL REQUIRED WHERE PAVEMENT ABUTS STRUCTURES
EXPANSION JOINTS ARE REQ'D. AT EVERY 20' SPACING.

2 | TYPICAL EXPANSION JOINT

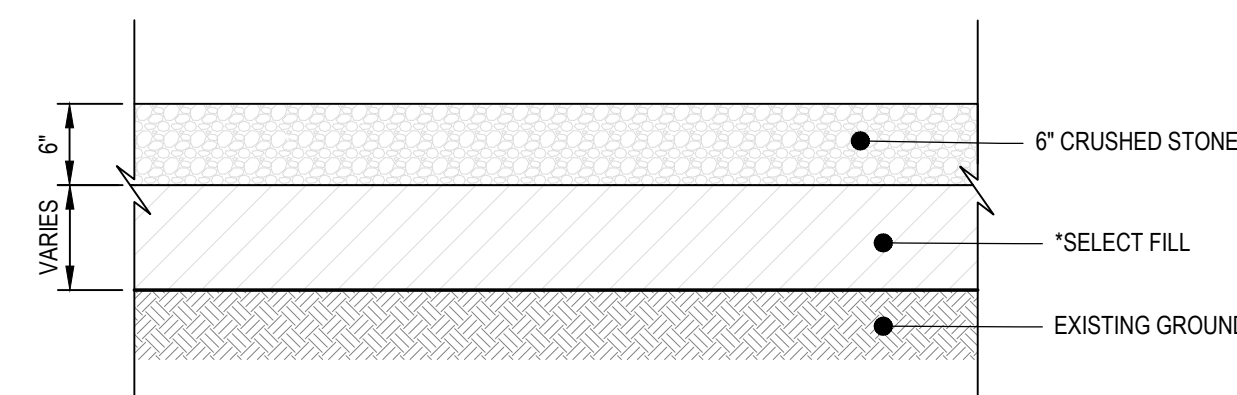
SCALE: N.T.S.



NOTE: SAW CUT CONTRACTION JOINTS ARE REQ'D. AT EVERY 10' SPACING

3 | TYPICAL SAW CUT CONTRACTION JOINT

SCALE: N.T.S.

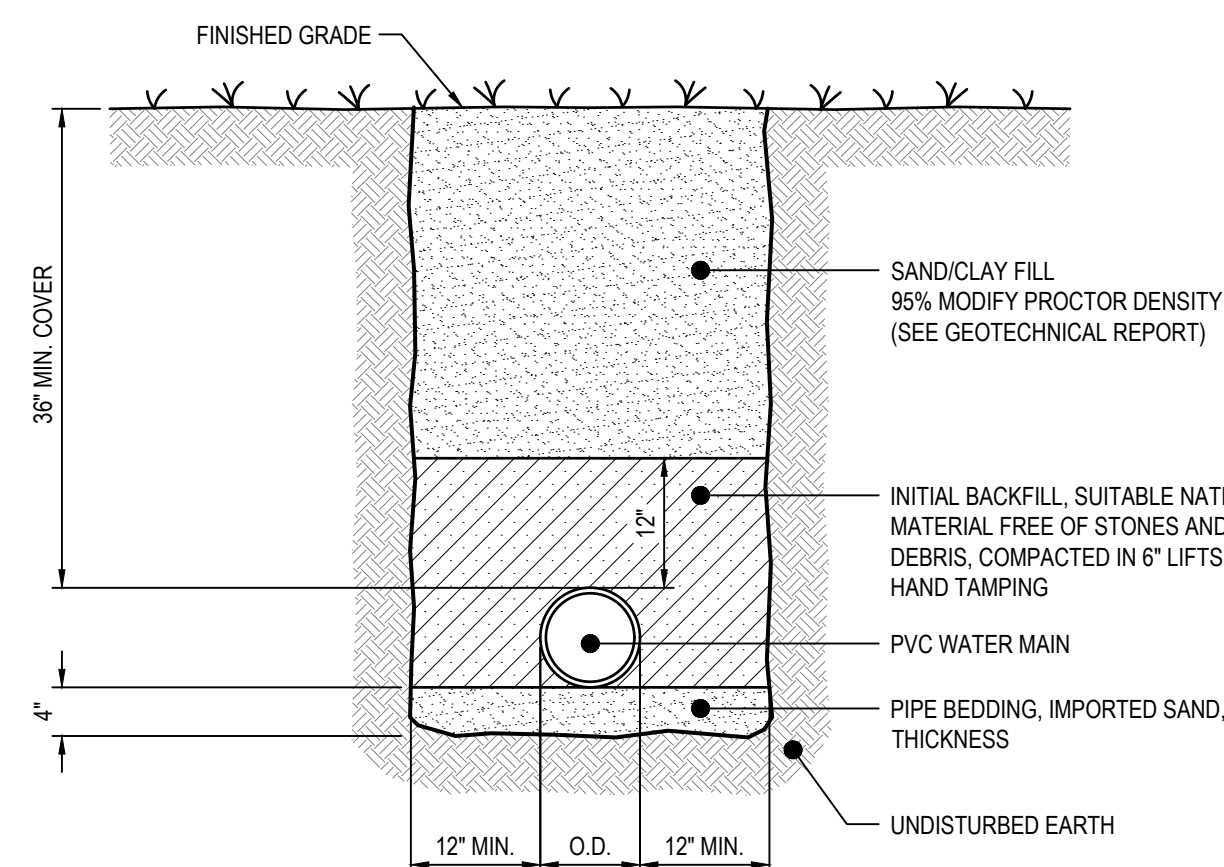


4 | CRUSHED AGGREGATE SURFACE DETAIL

SCALE: N.T.S.

* NOTE:

SELECT FILL TO BE CLASS 7 AS SPECIFIED IN MS STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION COMPACTED TO 95% STANDARD PROCTOR IN 8" LIFTS.

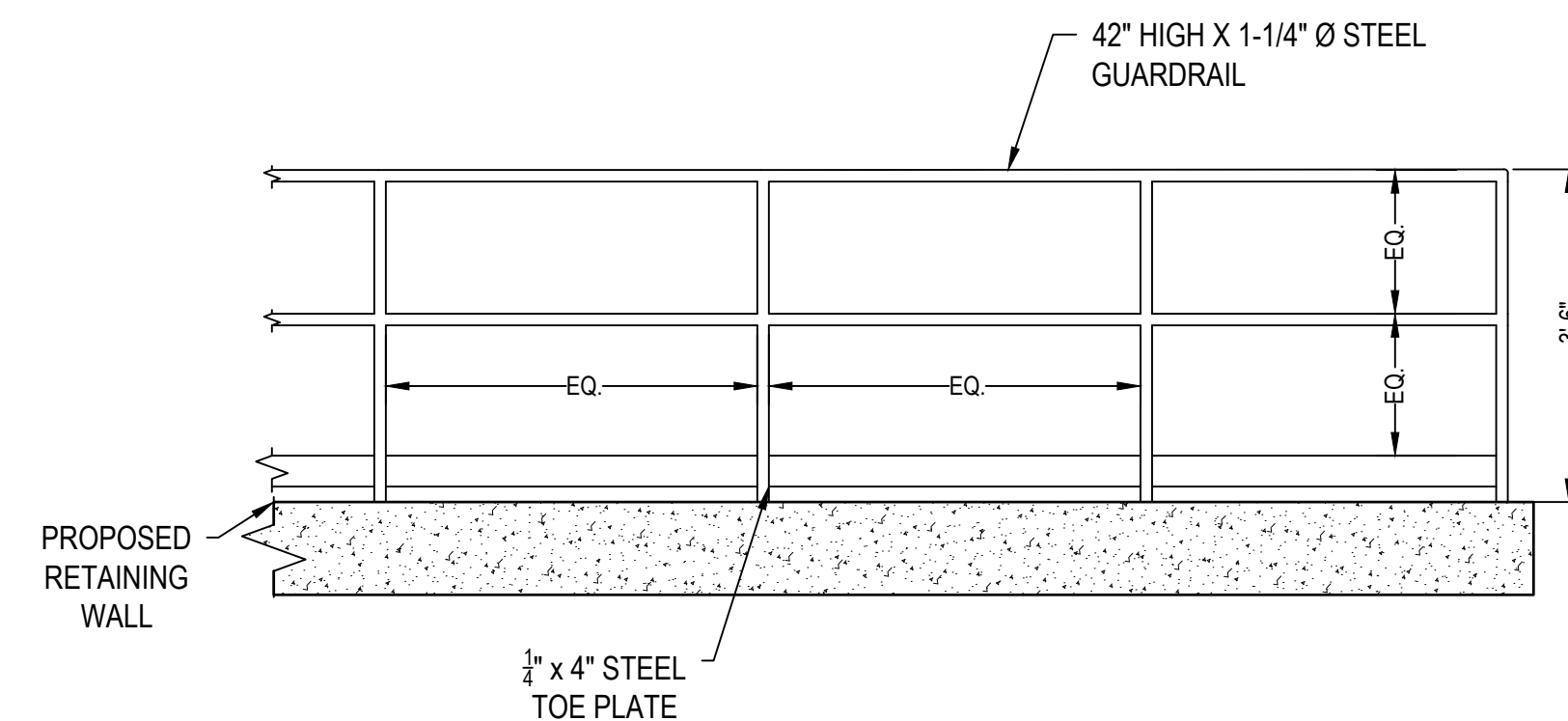


NOTES

1. NATIVE MATERIAL USED FOR BACKFILL MUST BE FREE OF STONES, DEBRIS, AND ORGANIC MATTER.

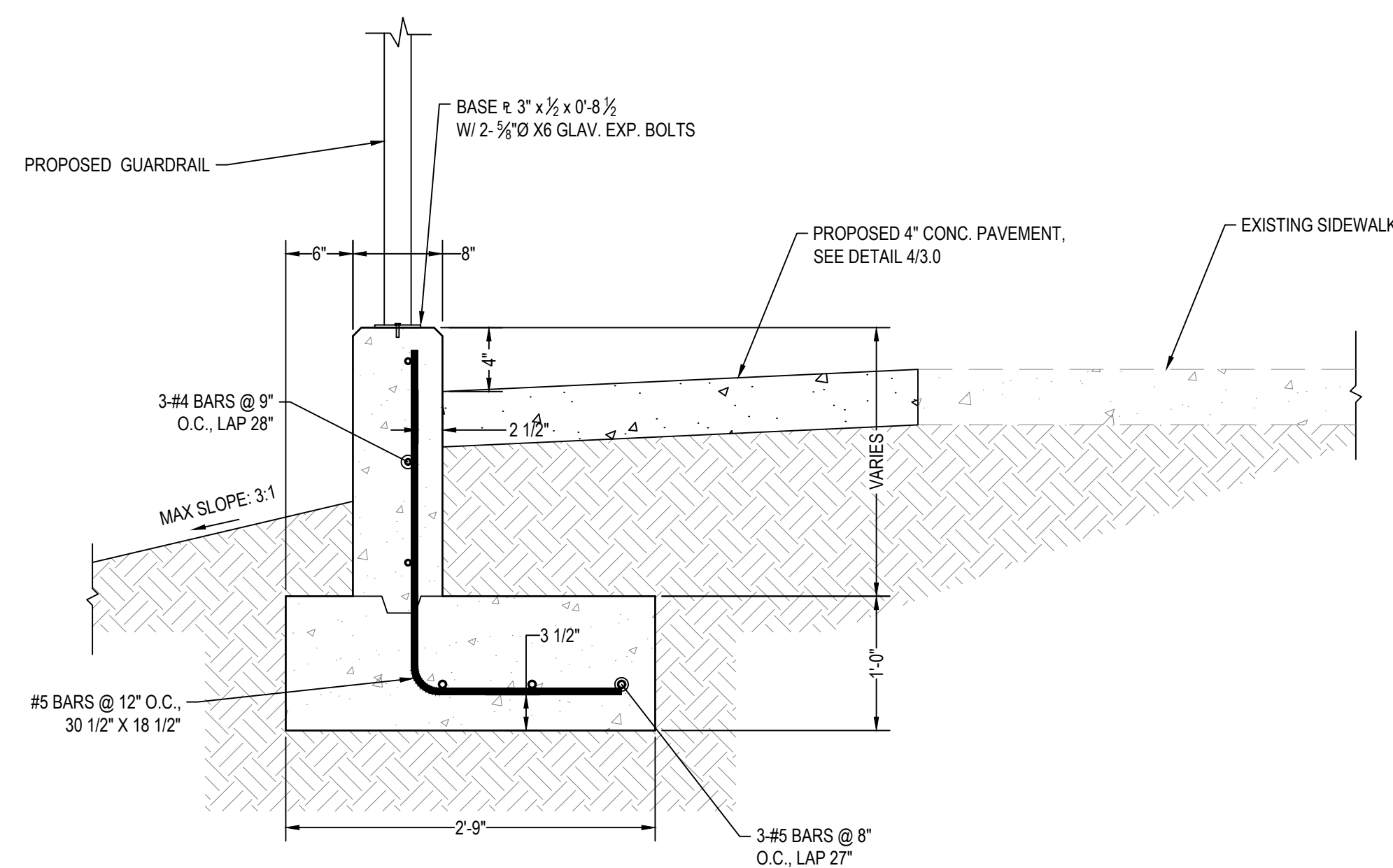
7 | PVC PIPE TRENCH DETAIL

SCALE: N.T.S.



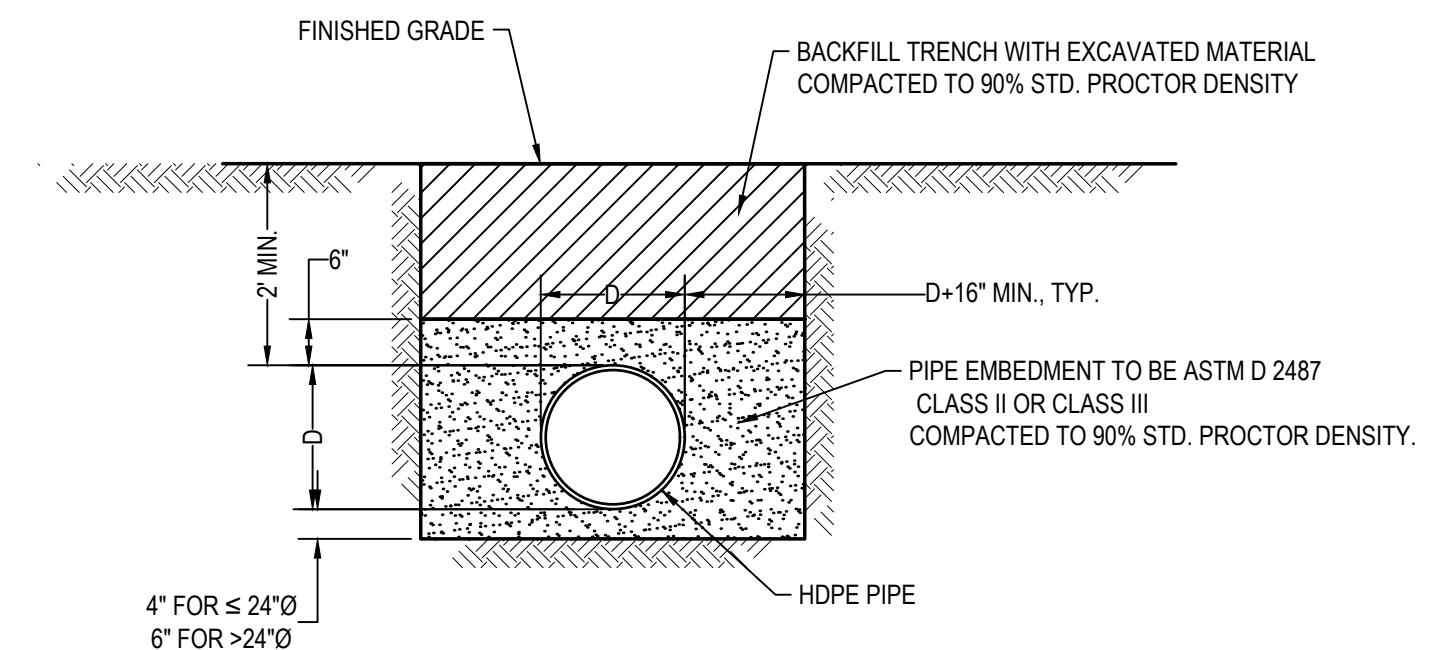
5 | STEEL GUARDRAIL

SCALE: N.T.S.



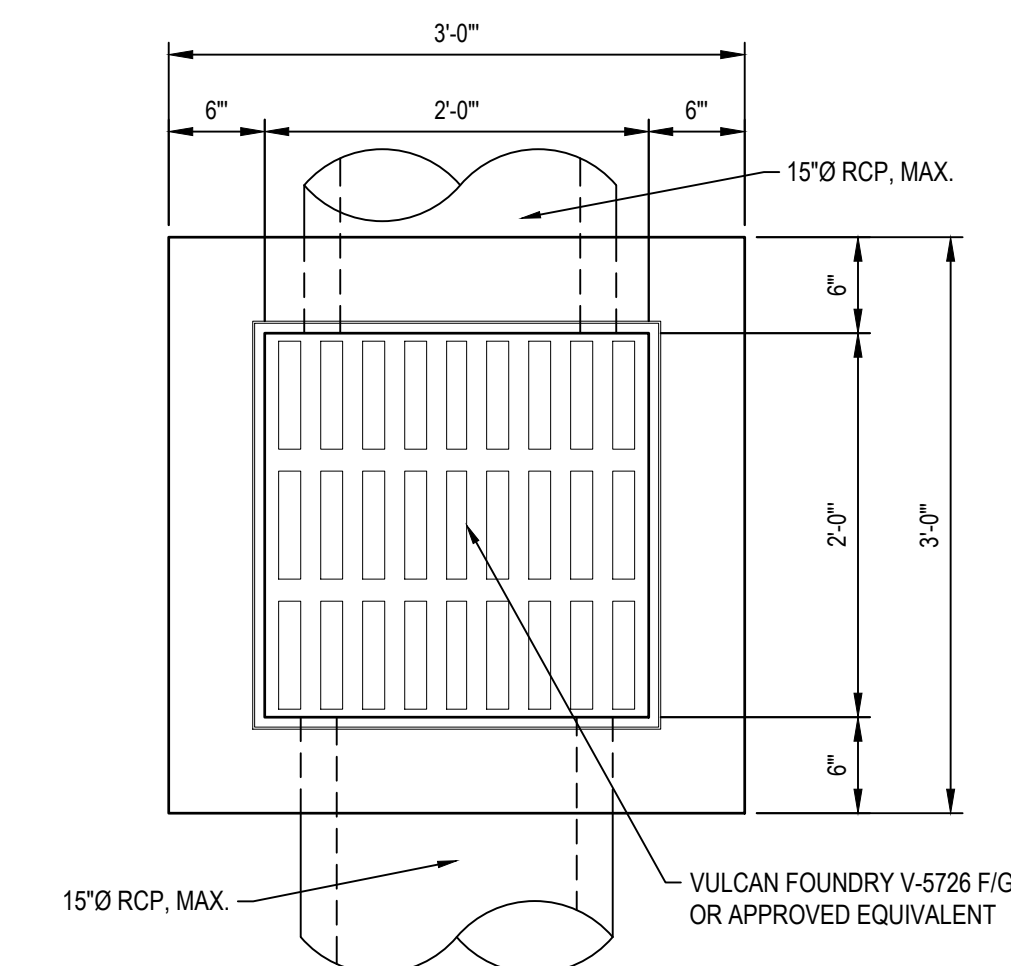
8 | CAST-IN-PLACE RETAINING WALL

SCALE: N.T.S.



6 | HDPE STORM DRAIN TRENCH DETAIL

SCALE: N.T.S.



9 | 24" x 24" PRECAST INLET PLAN

SCALE: N.T.S.

INLETS, CATCH BASINS, & JUNCTION BOXES

PRECAST CONCRETE CATCH BASINS SHALL BE EQUIVALENT TO HANSON PIPE & PRODUCTS, INC. MEETING ASTM C-857-92 AND DESIGNED TO MEET AASHTO HS-20-44 LOADING, WITH 6" WALLS, 8" TOP SLABS, AND 8" BASE SLABS EXCEPT THAT 24"x24" DRAINAGE STRUCTURES MAY UTILIZE 6" BASE SLABS. REINFORCING STEEL SHALL MEET ASTM A-615, GRADE 60.

CAST IRON FRAMES AND COVERS FOR CATCH BASINS SHALL BE EQUIVALENT TO MODEL V-5726 F/G BY VULCAN FOUNDRY EXCEPT THAT;
-24"x24" INLETS SHALL BE EQUIVALENT TO VULCAN FOUNDRY MODEL V-5766 F/V-5666 G

CAST-IN-PLACE CONCRETE OR MASONRY INLETS AND JUNCTION BOXES MAY BE SUBSTITUTED FOR PRECAST CONCRETE PROVIDED THAT THE CONSTRUCTION COMPLIES WITH MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION, JANUARY 2004, AND EXCEPT THAT FRAMES AND COVERS SHALL BE AS SPECIFIED FOR PRECAST INLETS.

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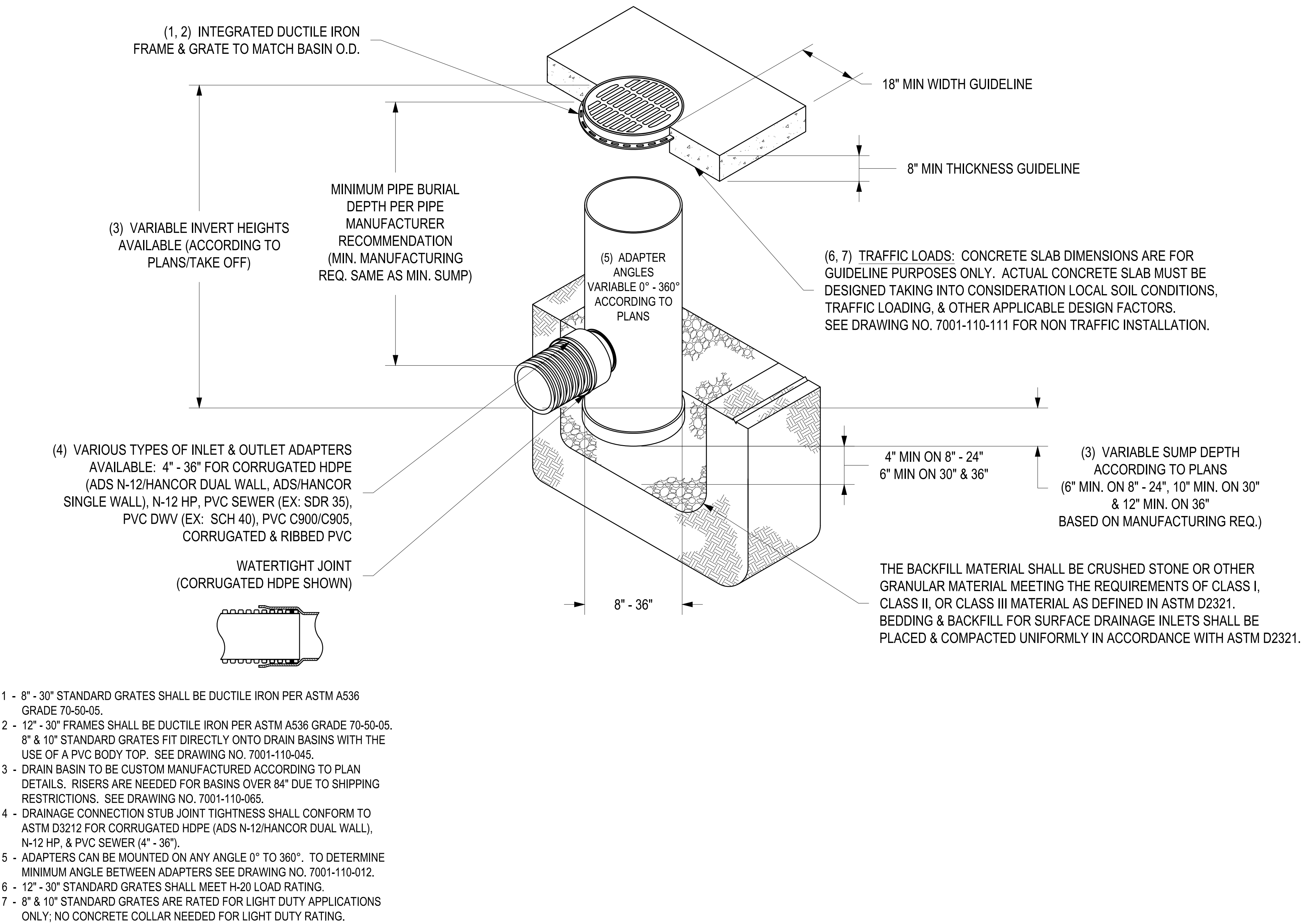
DETAILS

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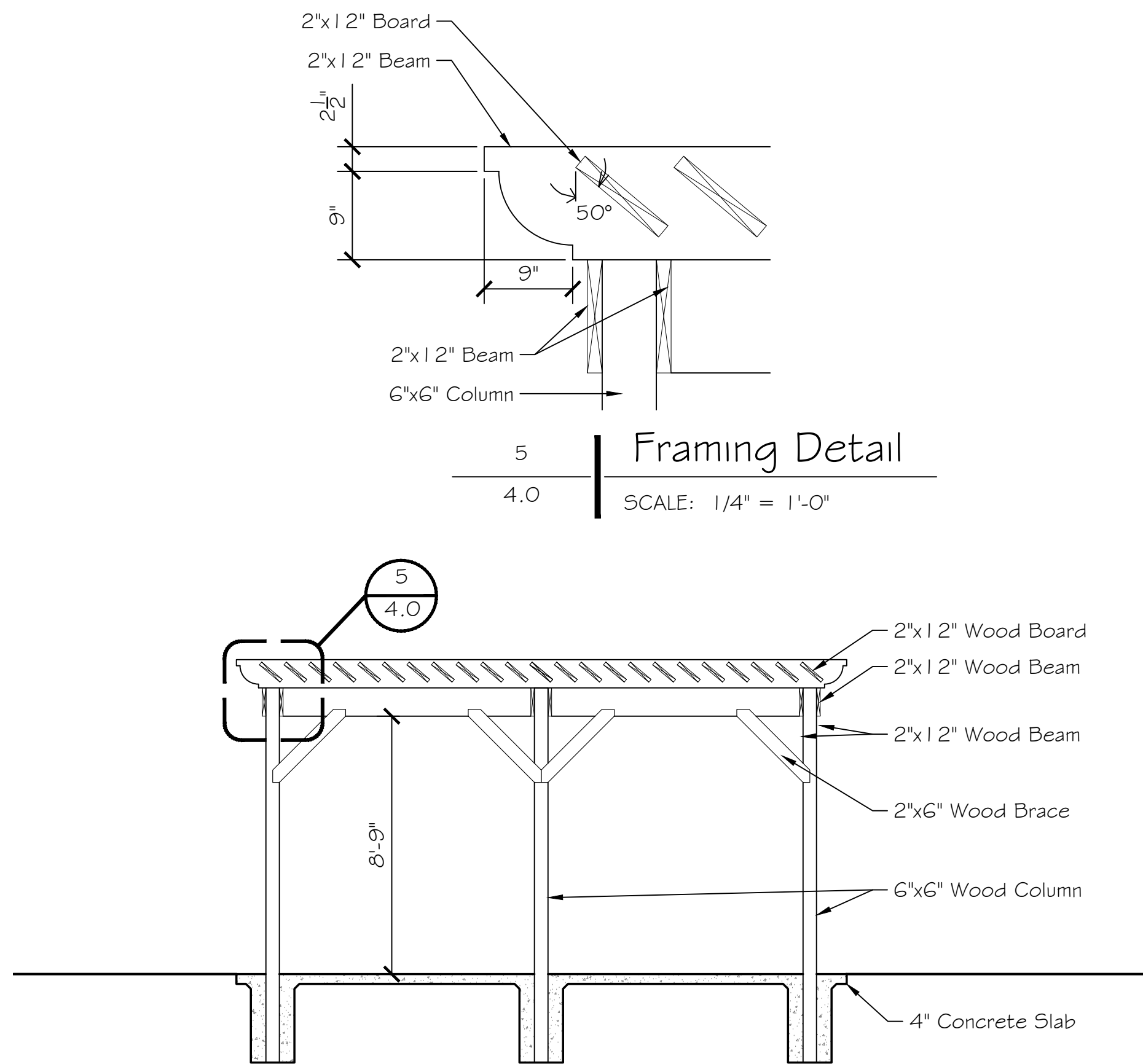
NYLOPLAST DRAIN BASIN WITH STANDARD GRATE



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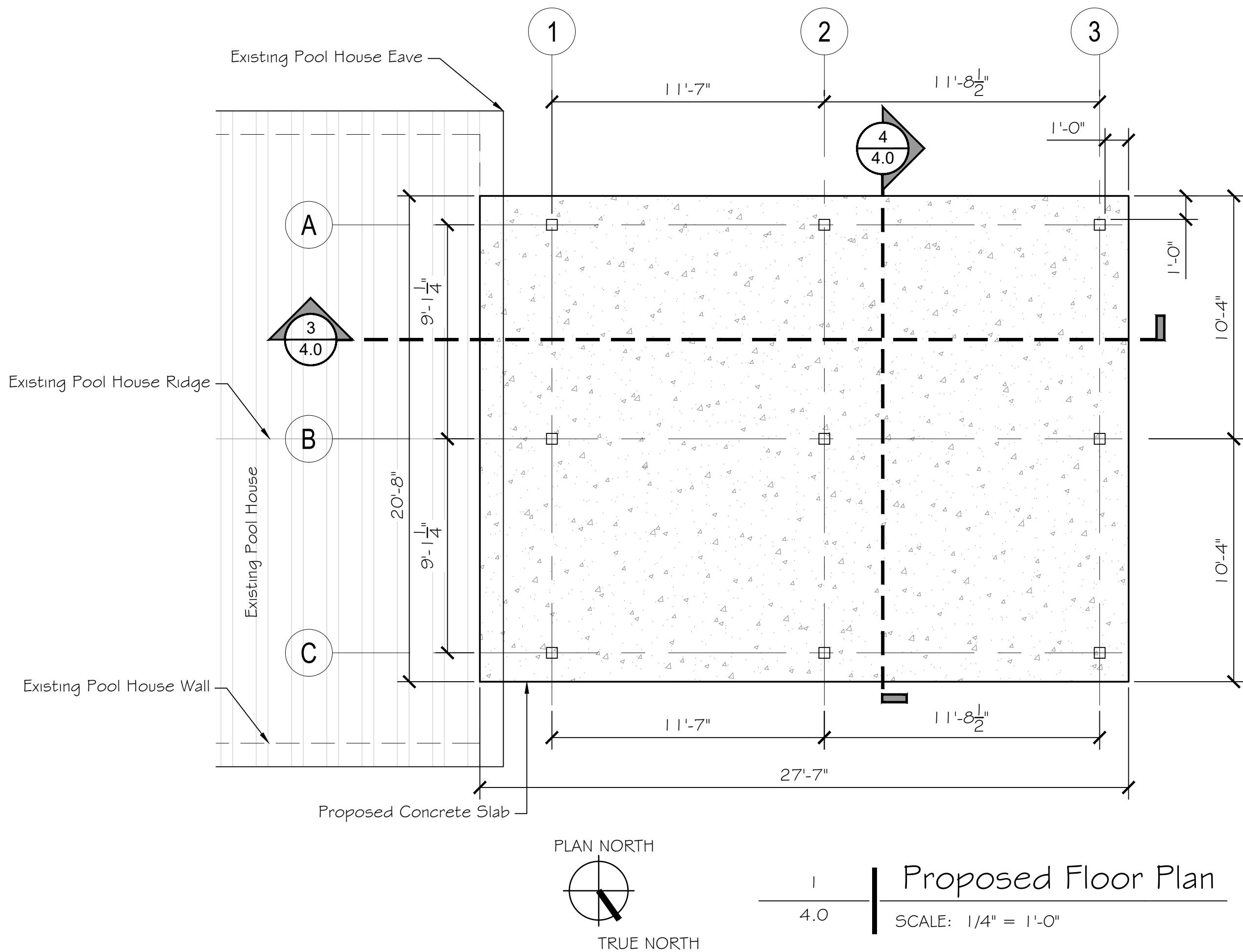
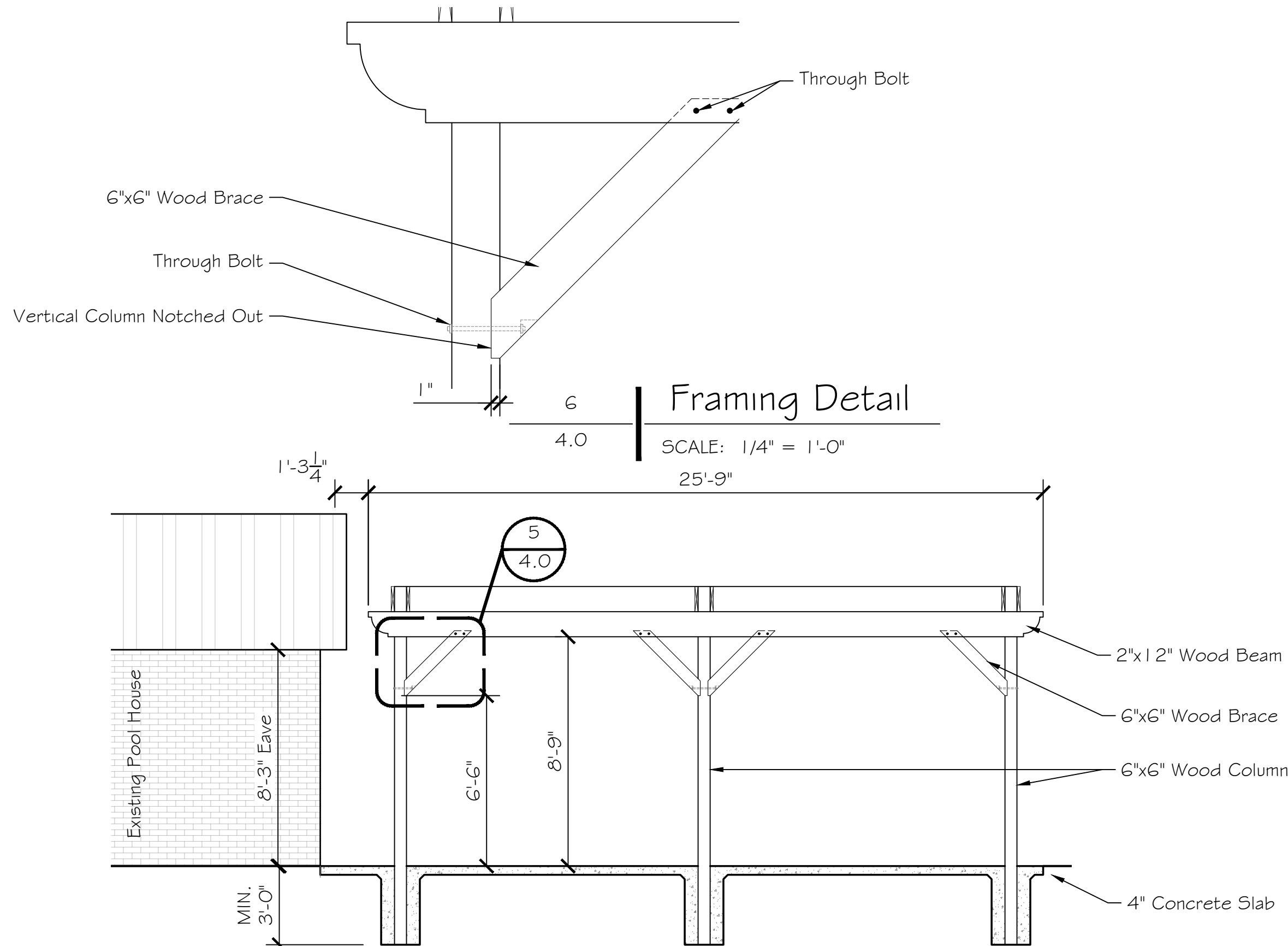
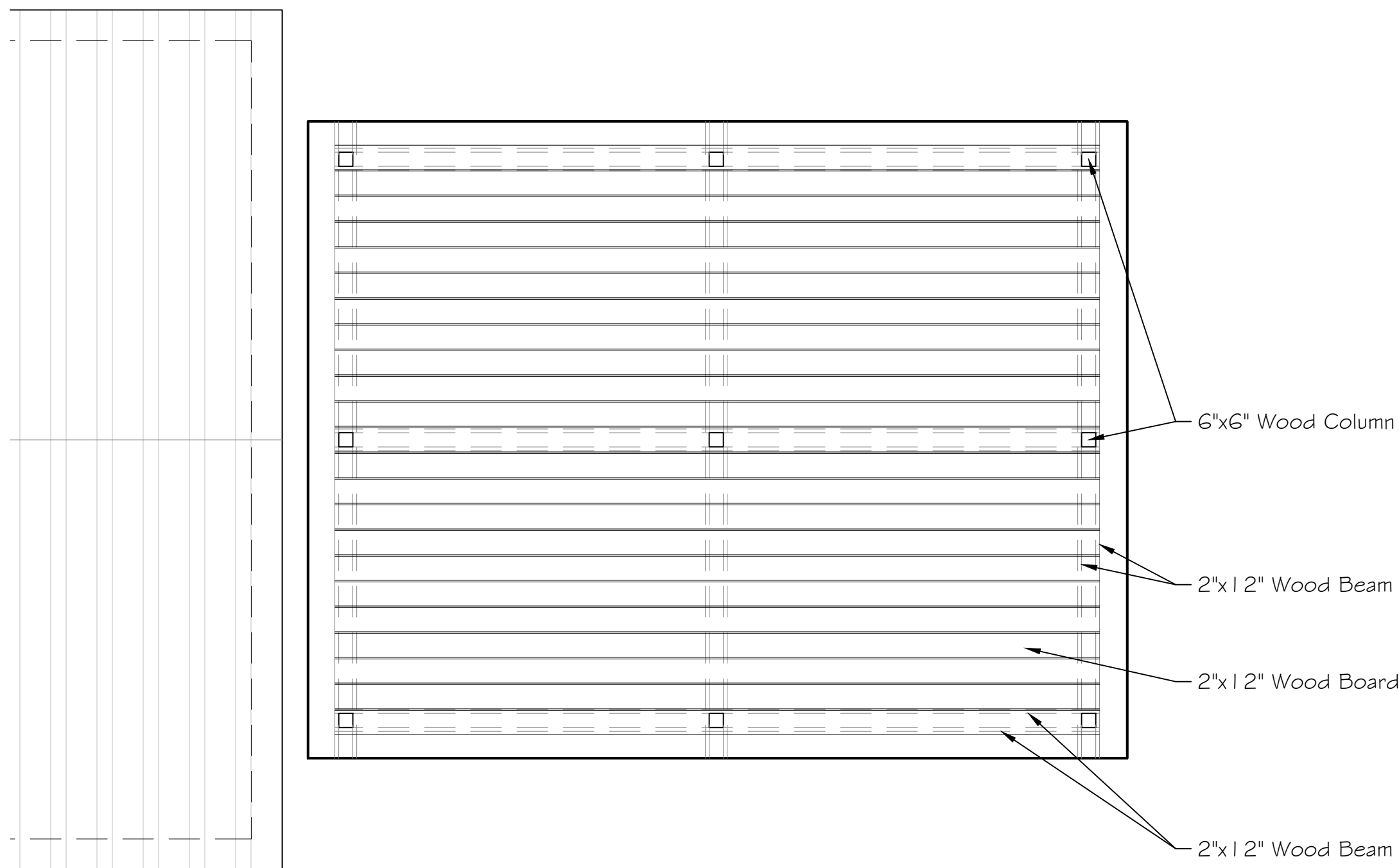
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NOTES:

1. All Beams And Other Wood Lumber For Pergola Shall be Treated With Waterborne Preservatives To The Requirements for Above Ground, Exterior, Exposed (Use Category 34) In Accordance With AWPA Standards UC3A or ICC-ES Evaluation Reports.
2. All Columns For Pergola Shall be Treated With Water Borne Preservatives To The Requirements For Ground Contact/Fresh Water General Use (Use Category 3B) In Accordance With AWPA Standards UC3B or ICC-ES Evaluation Reports.



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